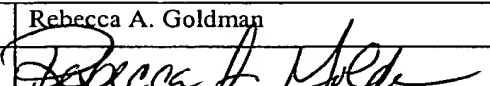


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PTO/SB/30 (5/2000)
OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

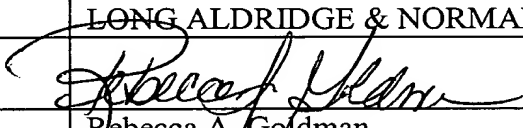
REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL Subsection (b) of 35 U.S.C. §132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995. See The American Inventors Protection Act of 1999 (AIPA).		Application Number	09/039,438
		Filing Date	March 16, 1998
		First Named Inventor	Woo Sup SHIN, et al.
		Group Art Unit	1763
		Examiner Name	A. Powell
		Attorney Docket No.	8733.120.01
This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.			
NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.			
1. Submission required under 37 C.F.R. § 1.114			
a.		Previously submitted	
	i.	<input type="checkbox"/> Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on (Any unentered amendment(s) referred to above will be entered.)	
	ii.	<input type="checkbox"/> Consider the arguments in the Appeal Brief or Reply Brief previously filed on	
	iii.	<input type="checkbox"/> Other	
b.	<input checked="" type="checkbox"/>	Enclosed	
	i.	<input checked="" type="checkbox"/> Amendment/Reply	
	ii.	<input type="checkbox"/> Affidavit(s)/Declaration(s)	
	iii.	<input type="checkbox"/> Information Disclosure Statement (IDS)	
	iv.	<input type="checkbox"/> Other	
2. Miscellaneous			
a.	<input type="checkbox"/>	Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(e) for a period of ____ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(i) required.)	
b.	<input type="checkbox"/>	Other	
3. Fees (The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.)			
a.	<input checked="" type="checkbox"/>	The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 50-0911.	
	i.	<input type="checkbox"/> RCE fee required under 37 C.F.R. § 1.17(e)	
	ii.	<input type="checkbox"/> Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)	
	iii.	<input type="checkbox"/> Other	
b.	<input checked="" type="checkbox"/>	Check in the amount of \$ <u>740.00</u> enclosed	
c.	<input type="checkbox"/>	Payment by credit card (Form PTO-2038 enclosed)	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED			
Name	Rebecca A. Goldman		Registration No. 41,786
Signature			Date January 16, 2002

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TC 1700

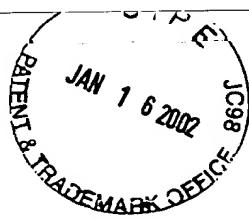
DC:88479.1

01/17/2002 CCHAU1 00000169 09039438 740.00 DP 01 FC:179

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Docket No.	8733.120.01				
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE					
INVENTOR(S)	Woo Sup SHIN et al.				
SERIAL NO:	09/039,438				
FILING DATE:	March 16, 1998				
FOR:	ETCHING APPARATUS				
AMENDMENT TRANSMITTAL					
COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231					
FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS	
TOTAL CLAIMS	25 - 20 =	5	x \$18 =	\$90.00	
INDEPENDENT CLAIMS	6 - 3 =	3	x \$84 =	\$252.00	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$280 =	\$0.00	
TOTAL OF ABOVE CALCULATIONS				\$342.00	
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00	
<input checked="" type="checkbox"/> EXTENSION OF TIME FEE				\$1,440.00	
TOTAL				\$1,782.00	
<input type="checkbox"/> Please charge Deposit Account No. <u>50-0911</u> in the amount of				A duplicate copy of this sheet is enclosed.	
<input checked="" type="checkbox"/> A check in the amount of	<u>\$1,782.00</u>	to cover the filing fee is enclosed.			
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. <u>50-0911</u> . A duplicate copy of this sheet is enclosed.					
			Respectfully Submitted,		
			LONG ALDRIDGE & NORMAN LLP		
Date:	January 16, 2002		 Rebecca A. Goldman		
Sixth Floor 701 Pennsylvania Ave., N.W. Washington, D.C. 20004 Tel. (202) 624-1200 Fax. (202) 624-1298					
			Registration No.	41,786	

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Docket No. 8733.120.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Woo Sup SHIN, et al.

Serial No.: 09/039,438

Filed: March 16, 1998

For: Etching Apparatus

Group Art Unit: 1763

Examiner: ~~A. Powell~~

R. ZERVIGON

302
1/23/02
MW

AMENDMENT

Commissioner of Patents
Washington, D.C. 20231

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TC 1700

Sir:

Prior to issuance of a first Office Action after RCE, please amend the above-referenced application as follows:

IN THE CLAIMS:

Please **ADD** new claims as follows:

C1
21. (New) An etching apparatus for etching a glass substrate comprising:
a first tank including a first etchant;
an etch bath for immersing the glass substrate in the first etchant, the etch bath having a bubble plate for generating nitrogen bubbles, the bubble plate being connected to a nitrogen inlet pipe, the nitrogen inlet pipe being connected to a nitrogen supply line, the etch bath being connected to the first tank and receiving the first etchant, the etch bath containing a residual etchant including a diluted etchant and residue material after the glass substrate is etched with the first etchant to uniformly reduce a thickness of the glass substrate;

01/17/2002 CCHAU1 00000169 09039438

02 FC:103
03 FC:102

90.00 OP
252.00 OP